

Fig.1

10/551655

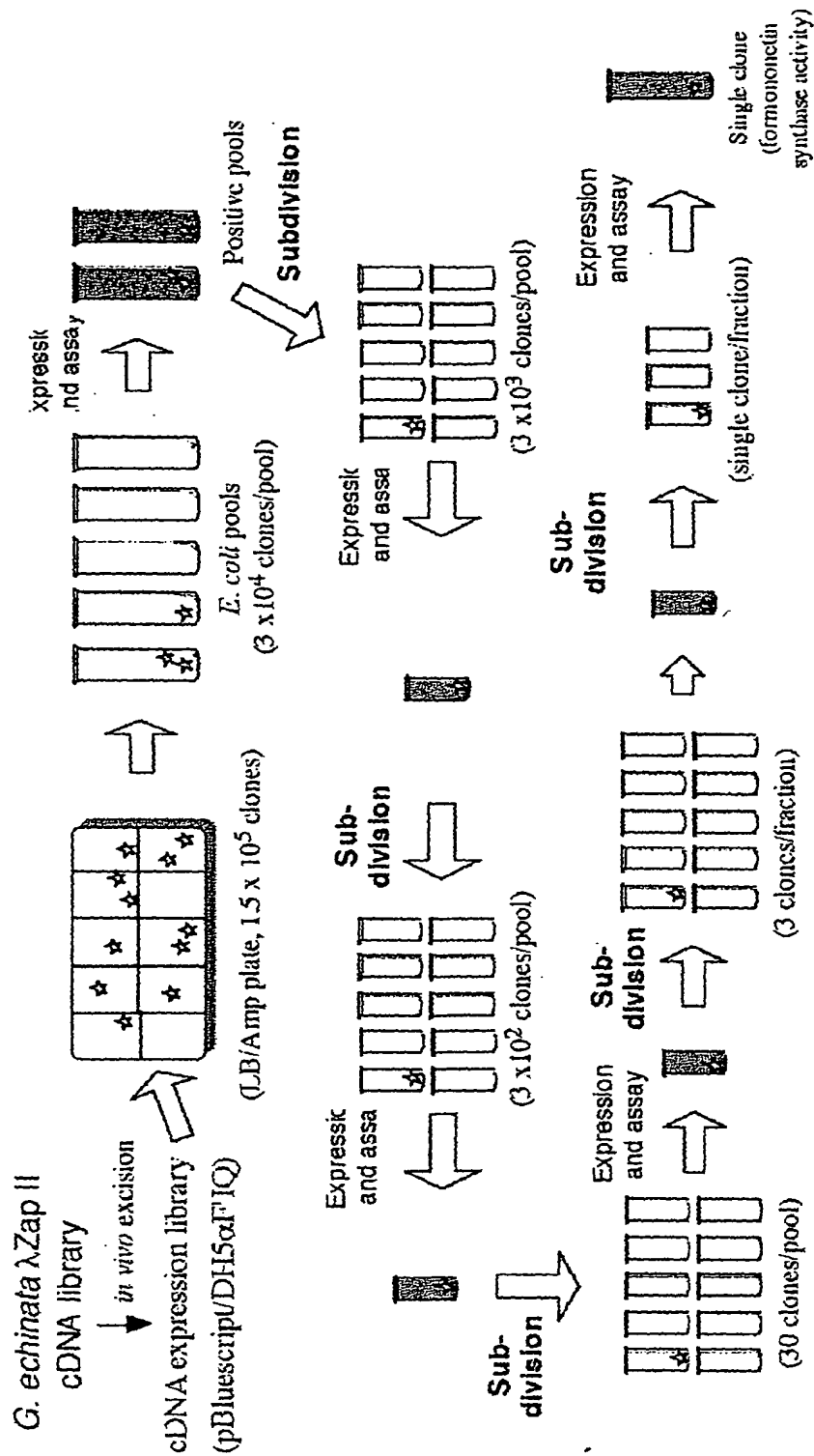


Fig.2

(A)

G. echinata HIDM	1	WASSTSTTTSK	EIDRELP	LLRVYKDC	VERFLG	SSFVPPSP	EDPETGV	STKDIV	ISEHP
Soybean HIDH	1	WAKEIVK----	EL---	LP-	LIRVYKDC	SVERLL	SSENMA	ASPEDP	OTGVSSKDIVIADNP
G. echinata HIDM	61	TISARYYL	PKLNNT	EKLELV	YHGGAF	CLES	AFSLH	QRYL	NIMASKARV
Soybean HIDH	53	YVSARIF	LPKSHHT	NNKLE	FLYHGGAF	CLES	AFSLF	VHRYL	NILASEANIIAISVDFR
G. echinata HIDM	121	LAP	EHPLPA	AYE	CGMYAL	KWVT	SHST	MNNKPT	NADPWLIK
Soybean HIDH	113	LLPH	HRIPA	AYE	CGWTT	LKWI	ASHANN	TNTNP-	EPWLLNHADTKVYVGGETS
G. echinata HIDM	181	RAAL	RYGAE	ALPG	LRTAG	VLSA	FLFWG	SKPVL	SEPVEGHEKSSPMQVWN
Soybean HIDH	172	NLLL	RAGNES	SLP	CDLKIT	LGILL	CPFFWG	SKPTIG	SEAVEGHEOSLAKVWN
G. echinata HIDM	241	IDNPL	ENPLAP	GAPNL	ATLC	CPKML	VFYACK	DLDR	GTWYYEAVKESG
Soybean HIDH	232	IDNPM	INPCV	PGAPSL	ATLAC	SKLLV	TITCK	DEFDRD	ILYHHTMEQSGWOGELQ
G. echinata HIDM	301	GEEH	CFGIYH	PETENS	KDLL	GRIAS	FLV		
Soybean HIDH	292	DEEHA	FCLFKP	ETHLAK	AMKRL	ASFLV			

(B)

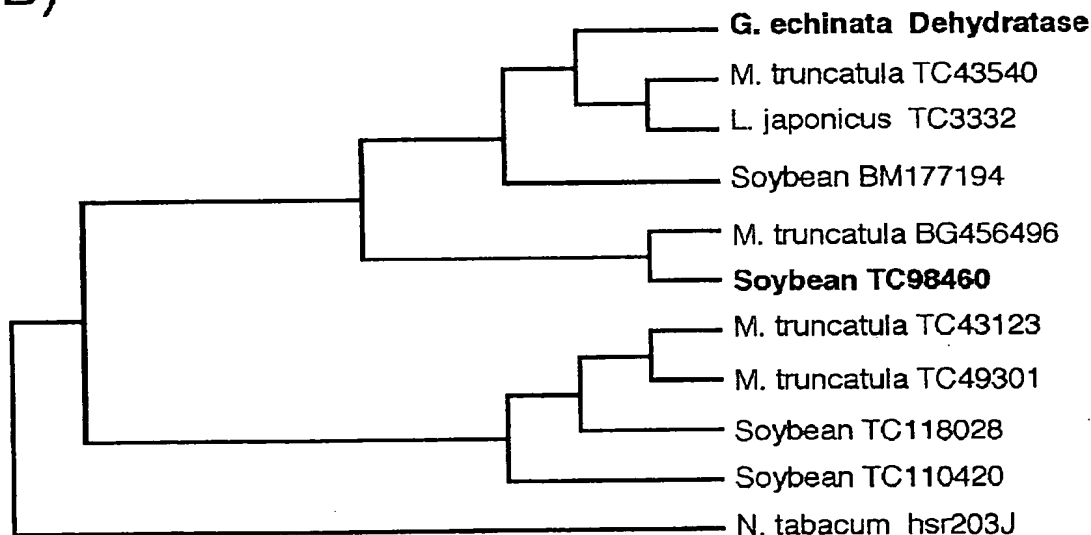


Fig.3

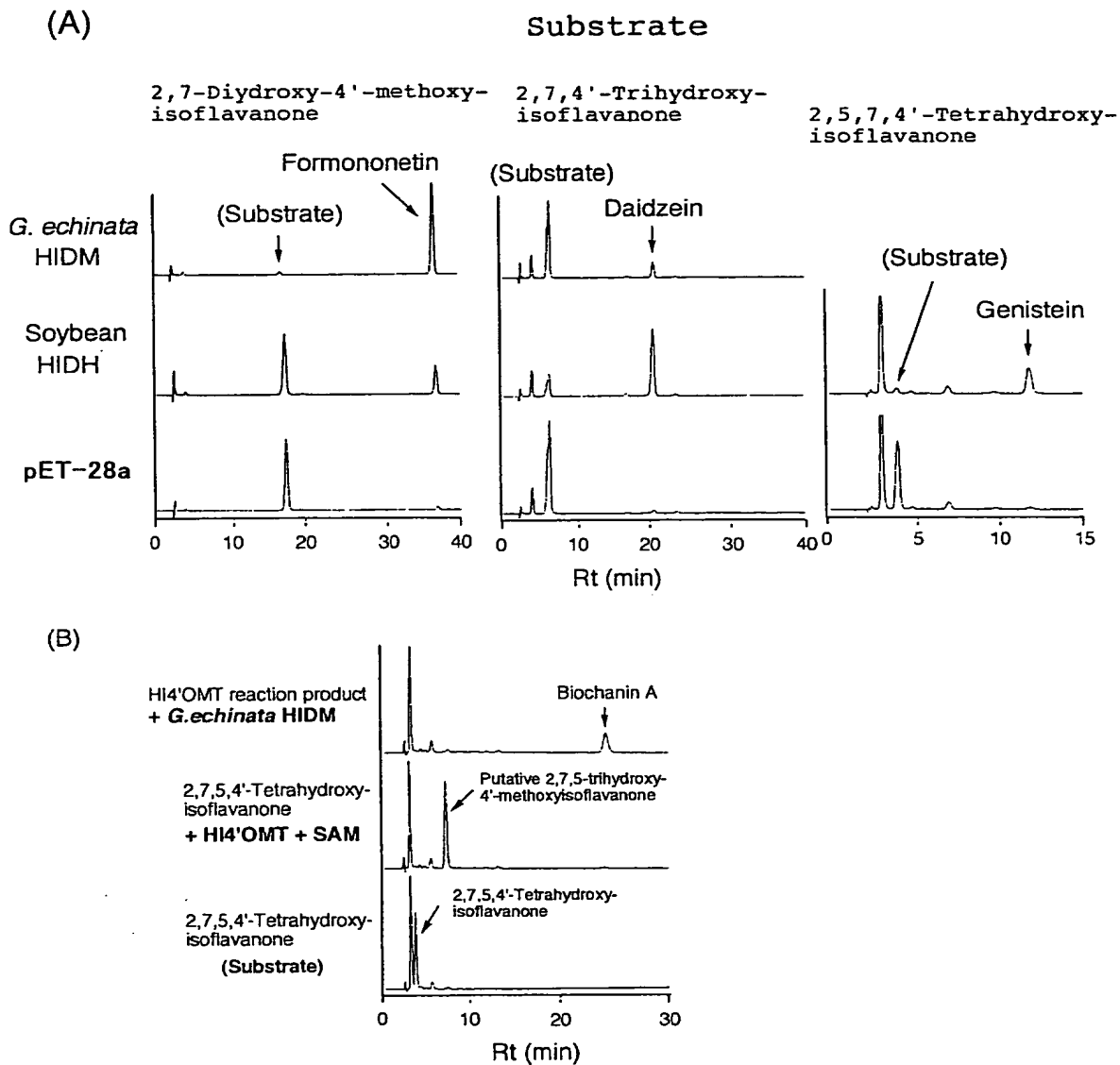


Fig.4

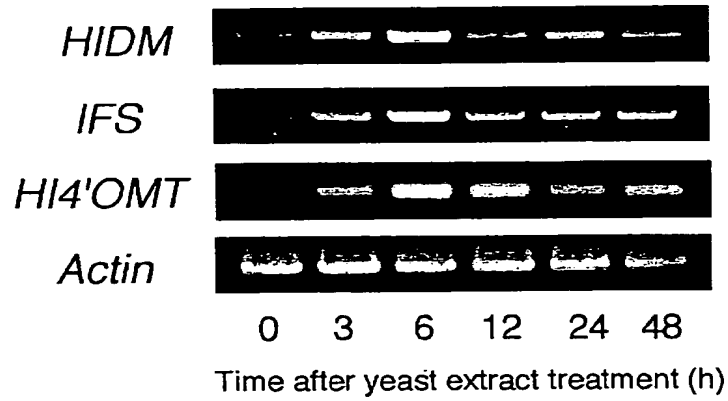


Fig.5

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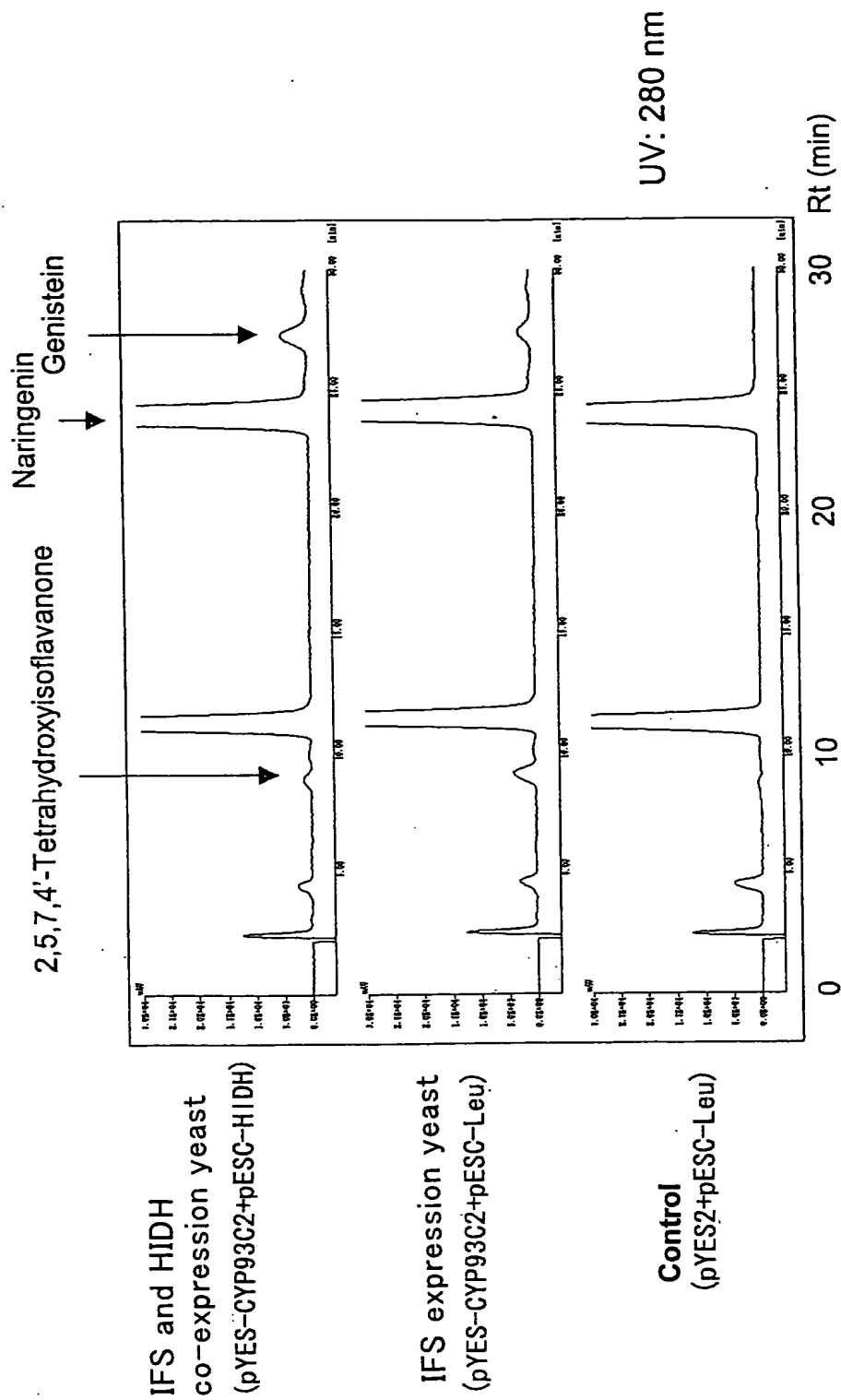


Fig.6